

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently amended) A modular graphics paneled assembly comprising:

a first modular block, including a display surface, an edge portion defining at least one flat surface, first contacts for power distribution and second ~~contacts~~ structure for signal distribution, located ~~[[on]]~~ adjacent said at least one flat surface, and a mechanical interlock portion formed on the edge surface, said mechanical interlock portion shaped in a way that allows said first modular block to be connected or disconnected from structure associated with another modular block by moving one of said blocks in a direction substantially perpendicular to said display surface, and said mechanical interlock portion also shaped to prevent said first modular block from being connected or disconnected from structure associated with another modular block by motion in a direction substantially parallel to said display surface.

2. (Currently amended) An assembly as in claim 1, further comprising a second modular block that forms said another block, where the connection portion of said first modular block

interlocks with a corresponding connection portion of said second modular block, and the first contacts of said first modular block are connected to the first contacts of said second modular block.

3. (Currently amended) ~~An assembly as in claim 1~~ A modular graphics paneled assembly comprising:

a first modular block, including a display surface, an edge portion defining at least one flat surface, first contacts for power distribution and second contacts for signal distribution, located on said at least one flat surface, and a mechanical interlock portion formed on the edge surface, further comprising and tristate buffers, connected to said second contacts, allowing each of said second contacts to be used to used as either input or output contacts depending on an orientation of a modular blocks.

4. (Currently amended) An assembly as in claim 2, further comprising a frame assembly, surrounding said first and second modular blocks, and at least one portion of said frame assembly connected to said first ~~and second~~ contacts.

5. (Original) An assembly as in claim 4, wherein said assembly includes four of said modular blocks arranged into a substantially rectangular shape.

6. (Original) An assembly as in claim 4, wherein said frame assembly includes Universal serial bus circuitry, receiving a universal serial bus signal, and communicating said Universal Serial Bus signal to said second contacts.

7. (Original) An assembly as in claim 1, wherein each of said modular blocks includes a plurality of light emitting diodes.

8. (Currently amended) An assembly as in claim 2, wherein said connecting portions have a substantially trapezoidal shape, ~~and can be connected~~ that allows said connecting to and separating from ~~[[with]] other connecting portions by motion in a direction substantially perpendicular to a surface of said modular blocks, but cannot be connected or disconnected by motion in a direction substantially parallel to a surface of said modular blocks.~~

9. (Currently amended) ~~An assembly as in claim 2~~ A modular graphics paneled assembly comprising:

a first modular block, including a display surface, an edge portion defining at least one flat surface, first contacts for power distribution and second structure for signal distribution, located on said at least one flat surface, and a mechanical interlock portion formed on the edge surface;

a second modular block, where the mechanical interlock portion of said first modular block interlocks with a corresponding mechanical interlock portion of said second modular block, and the first contacts of said first modular block are connected to first contacts of said second modular block, and wherein said connecting portions have a substantially trapezoidal shape with first and second parallel sides, one of which is sides is longer than the other, and first and second sloped sides, extending between said first and second parallel sides.

10. (Currently amended) A modular display unit comprising:

a symmetrical housing, having a ~~[[top]]~~ front surface with a controllable display portion thereon, and edge portions with mechanically interlocking portions thereon, each mechanically interlocking portion on one of said edge portions being sized and shaped to interlock with an edge portion ~~on the~~ associated with a different one of said housings, and said mechanically interlocking portion shaped and sized to allow connecting to and

separating from other mechanically interlocking portions
associated with other housing by motion in a direction
substantially perpendicular to said front surface of said
housing, and prevents said connecting and separating in a
direction substantially parallel to said front surface of said
housing, and said housing including a connector portion thereon
supplying a electrical connection and signal connection to said
display portion.

11. (Original) A unit as in claim 10, wherein said
connector portion is formed on said edge portion.

12. (Original) A unit as in claim 11, wherein said
connector portion is formed on each surface of said edge
portion.

13. (Currently amended) A unit as in claim 11, wherein
said modular unit is formed with an outer perimeter having
[[for]] substantially linear portions forming a substantially
square outer perimeter, and said connector portion is formed on
each of said linear portions.

14. (Original) A unit as in claim 10, wherein said mechanically interlocking portion is formed of beveled edges which connect with other beveled edges.

15. (Currently amended) A unit as in claim 10, wherein said mechanically interlocking portion is formed of a specified shape to only connect to the units which have their top ~~face~~ faces in the same direction.

16. (Original) A unit as in claim 10, further comprising tristate buffers, connected to said connectors.

17. (Currently amended) A display assembly, comprising:
a plurality of modular units, each of said modular units being a symmetrical shape and having ~~flat~~ edges which interconnected with other modular units and where said edges have mechanical portions that allow each modular unit to be connected to and separated from structure associated with another modular unit by moving one of said units in a direction substantially perpendicular to a display surface thereof and which mechanical portions also prevent said units from being connected or disconnected by motion in a direction substantially parallel to said display surface, said plurality of modular units arranged into an array and each of said modular units

having an electrical connection which connects to another ~~module~~
modular unit; and

a frame portion, surrounding a perimeter of the matrix of modular units, and connecting to at least one of the matrix of modular units.

18. (Original) An assembly as in claim 17, wherein each of said modular units has a substantially square shape, forming four edge portions defining the perimeter of the modular units.

19. (Currently amended) An assembly as in claim 17, wherein said electrical connection is formed on each of said ~~[[for]]~~ four edge portions, thereby allowing connection between the plurality of modular units and to the frame portion.

20. (Original) An assembly as in claim 17, wherein the frame portion includes electrical circuitry therein.

21. (Original) An assembly as in claim 17, further comprising a memory, within the electrical circuitry, providing information to be displayed on the modular units.

22. (Original) A method, comprising:

assembling a plurality of modular display panels into a desired shape;

determining positions of each of said display panels, and forming a map defining said positions; and

sending an overall display to said device of said desired shape, by using said map to determine which parts of the device should display which portions.

23. (Currently amended) A method, comprising:

assembling a modular display panel by connecting a first portion of the display panel to a second portion of the display panel; ~~and~~

mechanically preventing said panels from being connected unless light emitting surfaces of both display panels face in the same direction; and

mechanically allowing said first portion to be connected to and separated from structure associated with said second portion by moving one of said portions in a direction substantially perpendicular to a display surface and mechanically preventing said portions from being connected or disconnected by motion in a direction substantially parallel to said display surface.

24. (New) A method as in claim 22, wherein said assembling comprises connecting multiple portions together by moving them

in a direction substantially perpendicular to a surface of the modular display panels, and without moving them in any directions substantially parallel to the surface of the modular display panels.